

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.: 10/735,564

Confirm. No.: 3933

Inventor: Haifeng Xu

Filing Date: December 12, 2003

Examiner: Pich, Ponnoreay

Art Unit: 2155

Title: METHOD AND APPARATUS FOR PROVIDING A BUFFER  
ARCHITECTURE TO IMPROVE PRESENTATION QUALITY OF  
IMAGES

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ELECTION**

In response to the Restriction Requirement mailed on July 21, 2008, a petition to revive being submitted herewith, Applicant elects with traverse as follows. The restriction requirement identifies Figure 2 as Species I, Figure 3 as Species II, Figure 4 as Species III, and Figure 5 as Species IV, and requests Applicant to identify claims that pertain to the elected species. Applicants elect Species IV, Figure 5, which relate to claims 14-20 for examination. Applicant also respectfully submits that claims 21-27 are apparatus claims which relate to the method claims of the elected species and should be examined therewith. Further claim 30 is a computer readable medium claim which relates to the method claims of the elected species and should be examined therewith.

Further, Applicant respectfully submits that Figure 5 is a flow diagram which includes operations associated with the apparatus illustrated in Figure 1 and from non-elected species I-III, and is hence generic to species I-III. Likewise, claims 14-20, 21-27 and 30 are generic to species I-III. Accordingly, Applicant respectfully requests reconsideration of rejoinder of the non-elected species upon allowance of the above claims.

Finally, Applicant respectfully submits that none of Figures 2-5 are species of each other. A “species” is typically mutually exclusive of another species and are not usable together, e.g. multiple forms of a clamp may be disclosed, then those clamps may be called “species” of clamps. Figures 2-4 are merely illustrations which explain the operation of different components illustrated in the apparatus of Figure 1. Figure 2 illustrates the operation of packet buffer 104 (in Fig. 1); Figure 3 illustrates the operation of frame buffer 106 (in Fig. 1), and Figure 4 illustrates the operation of image buffer 108 (in Fig. 1). Figure 1 clearly shows the components which perform the operations of Figures 2-4 being used together. Figure 5 is also a flow diagram which explains the operation of Figure 2-4 being used together. Accordingly, as Figures 2-4 are not exclusive of each other and are clearly usable together, they are not species of each other. Finally, Figure 5 is clearly not a distinct species from any of Figures 2-4 as it contains operations of each of them. Accordingly, Applicant respectfully requests the Election requirement to be withdrawn.

The Office is authorized to charge any additional fees or underpayments of fees (including fees for petitions for extensions of time) under 37 C.F.R. 1.16 and 1.17 to account number 502117. Any overpayments should be credited to the same account.

Applicant requests entry of this amendment, reconsideration of the pending claims and the issuance of a Notice of Allowance. Should the Examiner have any questions, he is invited to contact Applicant's representative below.

Respectfully Submitted,

Dated: August 7, 2009

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